Section 2 - Generator

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Figure 2-1. Generator Covers Parts List (1 of 3)			
Item	**Part Number**	**Description**	**Qty**
2	00-884196-01	Bracket, Strain Relief, Bottom	1
3	12-225108-08	Screw, SEMS Spring, Pan, Torx, 8-32, 1/2, SZC	18
5	00-883797-01	Cover, Main, Jedi (Left)	1
5	00-883797-02	Cover, Main, Jedi (Right)	1
6	00-883796-02	Cover, Back, Jedi (Left)	1
6	00-883796-01	Cover, Back, Jedi (Right)	1
7	12-225108-06	Screw, SEMS Spring, Pan, Torx, 8-32, 3/8, SZC	24
8	00-884285-01	Clip, Clamp Mounting, Uro2800	1
10	00-884088-01	Plate, Backing, Jedi	4
11	00-884093-01	Plate, Backing, Jedi	2
12	00-884089-01	Bracket, Top, Cable Cover, Jedi	1
13	00-884081-01	Hanger, Cable, Power, Jedi	1
14	00-884090-01	Bracket, Bottom, Cable Cover, Jedi	1
15	00-884087-01	Hanger, Cable, Jedi	1
16	00-884095-01	Cover, Top, Jedi (Left)	1
16	00-884095-02	Cover, Top, Jedi (Right)	1
17	00-884091-02	Cover, Cable, Jedi (Left)	1
17	00-884091-01	Cover, Cable, Jedi (Right)	1

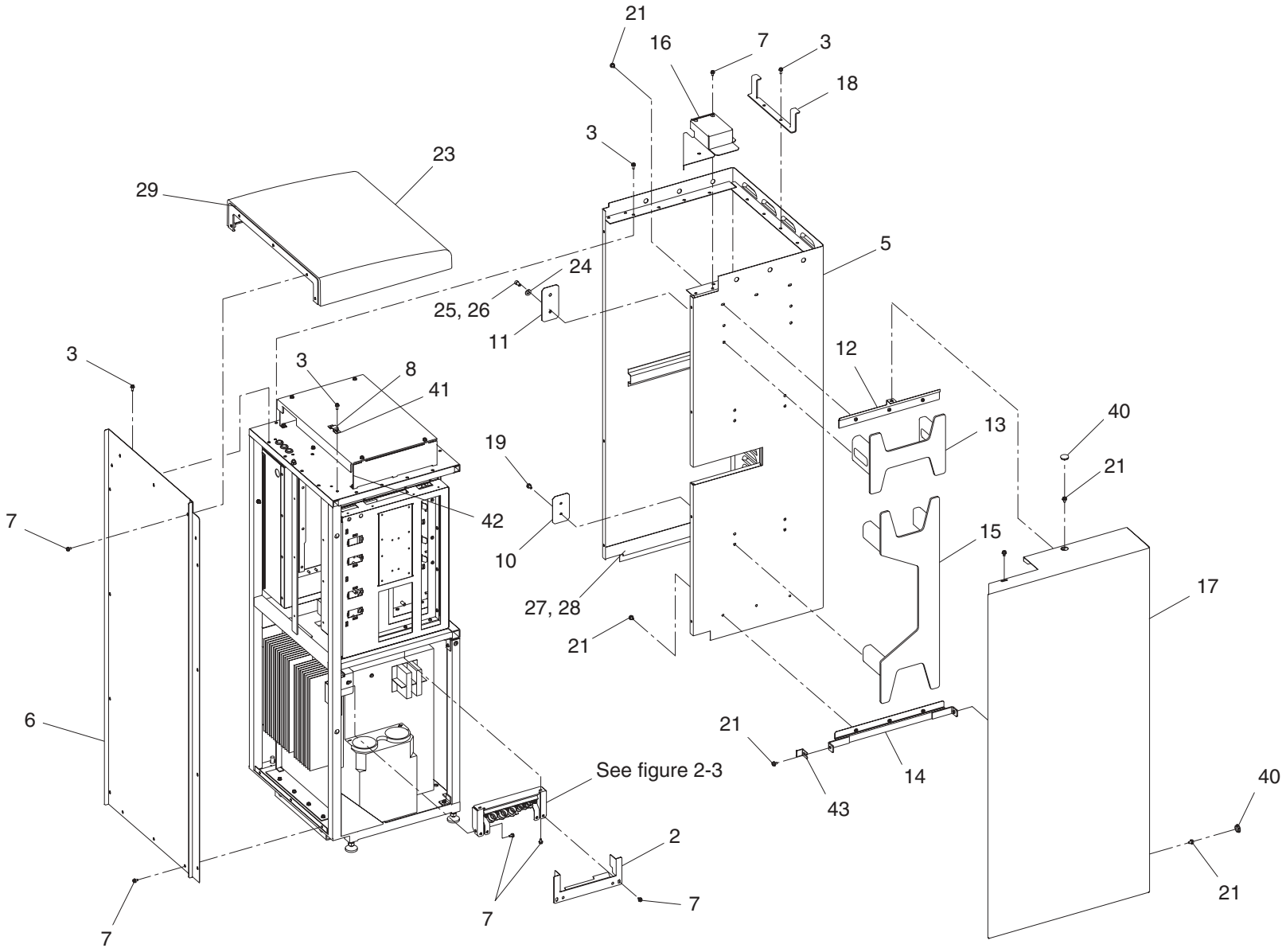

Figure 2-1. Generator Covers Exploded View (1 of 3)

Figure 2-2. Generator Covers Parts List (2 of 3)			
Item	**Part Number**	**Description**	**Qty**
18	00-884176-01	Lock, Top Cover, Generator, Uro2800	1
19	12-225160-08	Screw, SEMS Spring, Pan, Torx, 10-32, 1/2, SZC	8
21	12-225160-06	Screw, SEMS Spring, Pan, Torx, 10-32, 3/8, SZC	10
23	00-883798-01	Cover, Top, Jedi	1
24	14-101114-00	Washer, Plain, 1/4, SZC, ID = .281, OD = .625	4
25	12-311114-08	Screw, Na, Socket, Hex, ¼ - 20, 1/2, SZC, 8	4
26	88-299282-00	Adhesive, Slit, Blue, Bottle,10cc, 242-21	AR
27	88-495005-00	Gasket, Shield-Emi, Fm-Core, Cl Mount, 13l	2
28	88-495006-00	Gasket, Shield-Emi, Fm-Core, Cl Mount,18l	1
29	00-882477-01	Gasket, Covers	1
40	00-883714-01	Plug, Hole, .750	2
41	28-993025-00	Clamp, Hose, 13/16 D to 1-1/2 D, SST	1
42	24-389059-00	Grom, Strip, Flex, SST/Polym, .037 - .055	AR
43	00-884275-01	Bracket, Cover Clearance, Uro2800	1

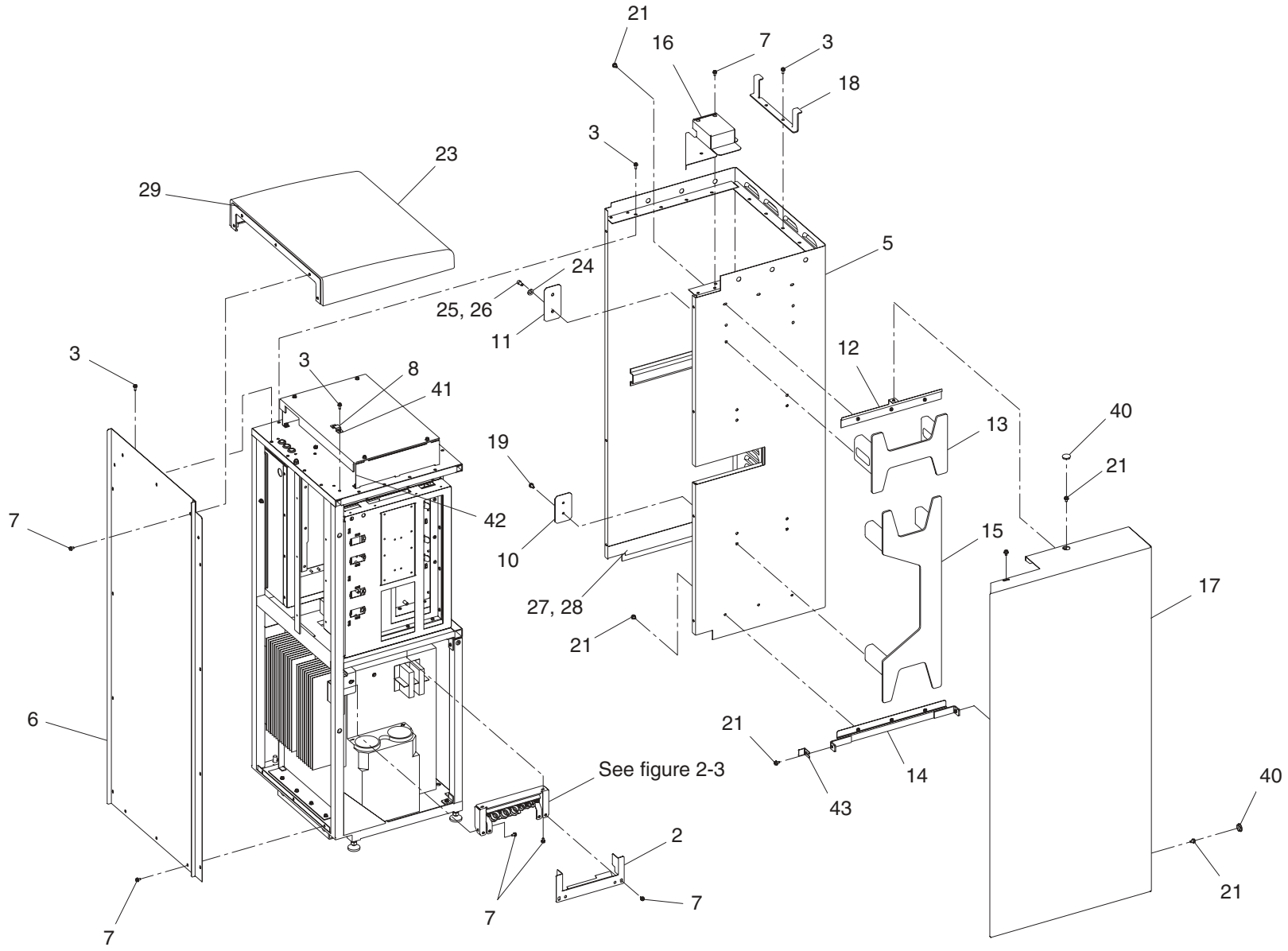

Figure 2-2. Generator Covers Exploded View (2 of 3)

Figure 2-3. Generator Covers Parts List (3 of 3)			
Item	**Part Number**	**Description**	**Qty**
1	00-884197-01	Bracket, Strain Relief, Top	1
30	24-399760-00	Grom, Round, Panel, Vnl, Blk, 5/16 ID 9/16 OD	1
31	24-399761-00	Grom, Round, Panel, Vnl, Blk, 3/8 ID 43/64 OD	1
32	24-399762-00	Grom, Round, Panel, Vnl, Blk, 11/16 ID 15/16 OD	2
33	24-399763-00	Grom, Round, Panel, Vnl, Blk, 9/16 ID 55/64 OD	1
34	24-399753-00	Grom, Round, Panel, Nprn Blk, 3/16 ID ½ OD	1
35	22-119790-00	Clamp, Cable, 3/16d, 3/8 w, Nylon	1
36	22-119795-00	Clamp, Cable, 5/16d,3/8 w, Nylon	1
37	22-119796-00	Clamp, Cable, 3/8d, 3/8 w, Nylon	1
38	22-119950-00	Clamp, Cable, 9/16d,1/2 w,Nylon	1
39	22-119951-00	Clamp, Cable, 11/16d, ½ w, Nylon	2
44	00-884274-01	Bracket, Strain Relief, Spacer, Uro2800	1
45	12-225108-12	Screw, SEMS Spring, Pan, Torx, 8-32,3/4,SZC	6

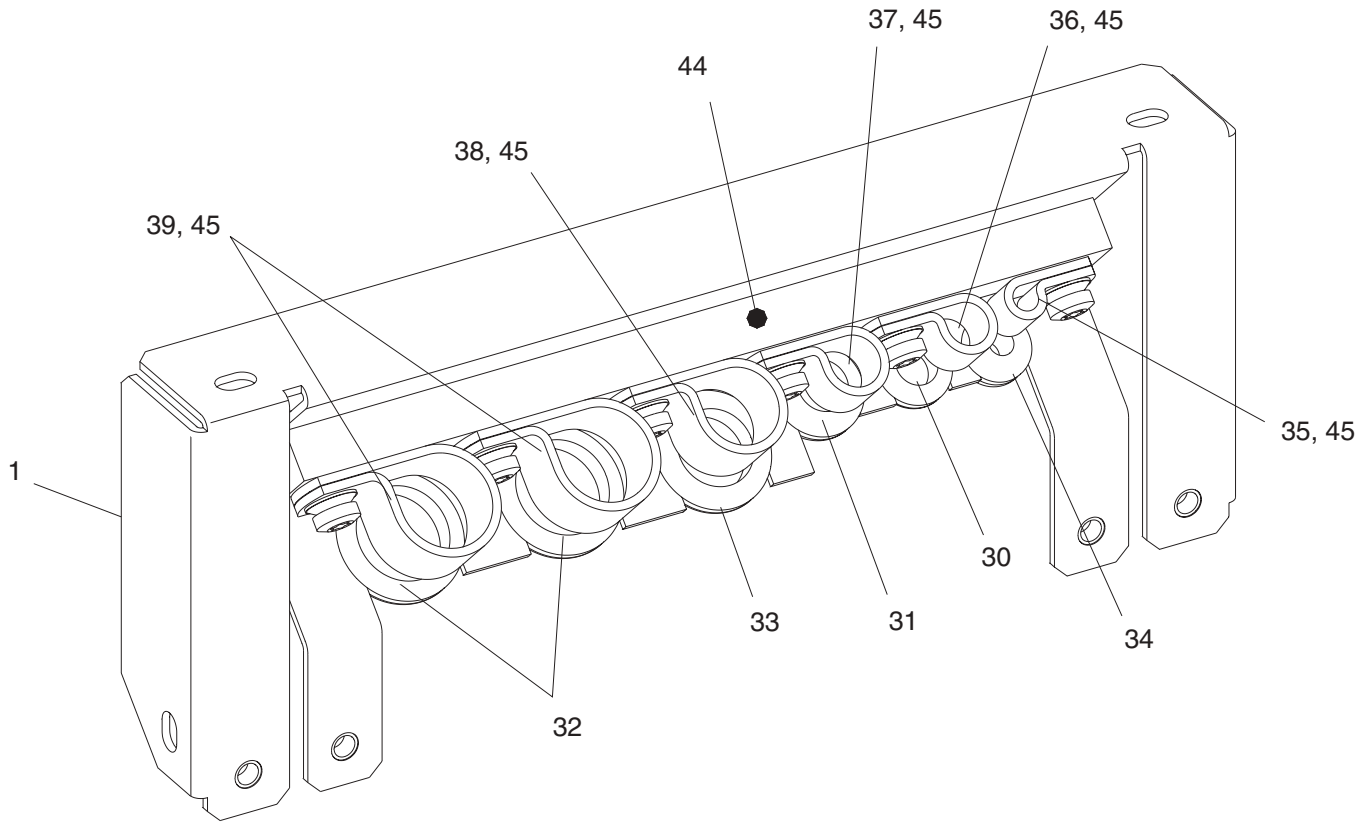

Figure 2-3. Generator Covers Exploded View (3 of 3)

Figure 2-4. Remote Generator Covers Parts List			
Item	**Part Number**	**Description**	**Qty**
1	00-883797-03	Cover, Main, Jedi	1
2	00-883798-01	Cover, Top, Jedi	1
3	00-884176-01	Lock, Top Cover, Generator, Uro2800	1
4	00-884414-01	Cover, Back, Right	1
5	00-884415-01	Cover, Back, Left	1
6	00-884419-01	Plate, Cable, Lower, Uro2800	1
7	00-884420-01	Plate, Cable, Upper, Uro2800	1
8	00-884453-01	Plate, Clamp, Cable, Uro2800	1
10	24-399753-00	Grom, Round, Panel, Nprn Black, 3/16 ID 1/2 OD	1
11	24-399760-00	Grom, Round, Panel, Vinyl, Black, 5/16 ID 9/16 OD	1
12	24-399761-00	Grom, Round, Panel, Vinyl, Black, 3/8 ID 43/64 OD	1
13	24-399762-00	Grom, Round, Panel, Vinyl, Black, 11/16 ID 15/16 OD	2
14	24-399763-00	Grom, Round, Panel, Vinyl, Black, 9/16 ID 55/64 OD	1
15	22-119950-00	Clamp, Cable, 9/16d,1/2w, Nylon	1
16	22-119940-00	Clamp, Cable, 5/8d, 1/2w, Nylon	2
17	22-119790-00	Clamp, Cable, 3/16d, 3/8w, Nylon	1
18	22-119795-00	Clamp, Cable, 5/16d, 3/8w, Nylon	1
19	22-119796-00	Clamp, Cable, 3/8d, 3/8w, Nylon	1
20	12-225108-06	Screw, SEMS Spring, Pan, Torx, 8-32,3/8, SZC	30
21	12-225108-08	Screw, SEMS Spring, Pan, Torx, 8-32,1/2, SZC	22
22	00-882477-01	Gasket, Covers	1

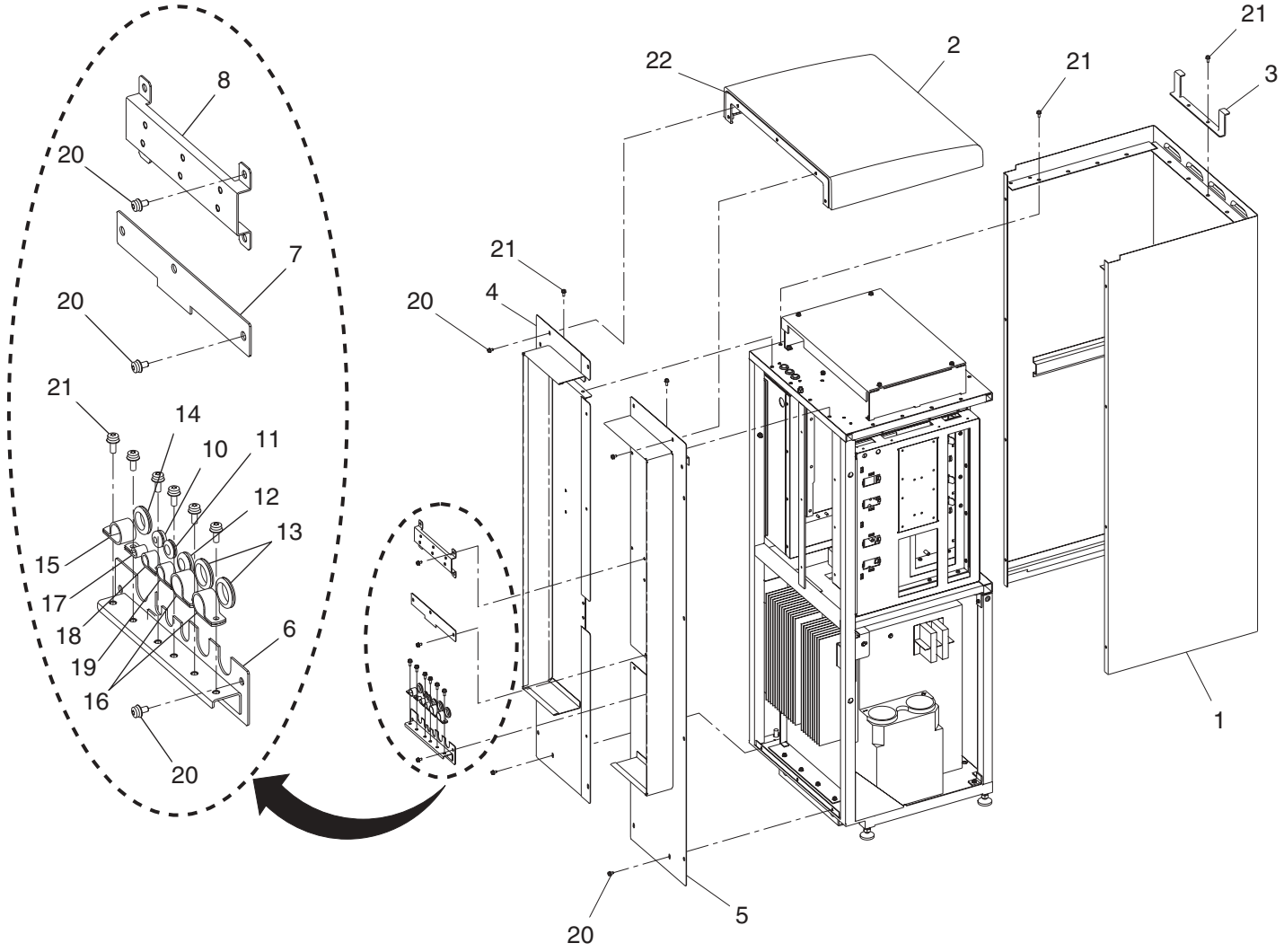

Figure 2-4. Remote Generator Covers Exploded View

Figure 2-5. Generator Assembly Parts List			
Item	**Part Number**	**Description**	**Qty**
4	12-311114-08	Screw, Na, Socket, Hex, 1/4-20, 1/2, SZC, 8	7
5	12-365005-10	Screw, Metric, Btn, Hex, M4 x .7, 8mm, SZC	12
6	12-923105-10	Screw, Metric, Flg, Hex, Cap, M4 x 0.7, 8mm, SZC	7
10A	00-901828-01	Generator, X-Ray, Three Phase (For Reference Only)	1
10B	00-901828-01	Generator, X-Ray, Single Phase (For Reference Only)	1
11	00-884015-01	Bracket, Module, Outer, Jedi	1
12	00-884016-01	Bracket, Module, Inner, Jedi	1
13	00-884017-01	Bracket, Upper, Left, Tank, Jedi	1
14	00-884018-01	Bracket, Lower, Tank, Jedi	1
15	00-884039-01	Bracket, Upper, Tank, Right, Jedi	1
17	00-884052-01	Wall, Cover, Inner, Jedi	1
18	00-884053-01	Cover, Top, Inner, Jedi	1
19	22-119601-00	Clamp, Cable Tie Mt, .1-.8w, Nylon	9
21	22-119653-00	Clamp, Cable Tie, 1/8 x 5-3/8, Nylon	8
22	88-299284-00	Adhsive, Slt, Purple, Bottle, 10cc, 222-21	AR
23	12-225108-08	Screw, Sems Spring, Pan, Torx, 8-32, 1/2, SZC	21
24	22-012004-00	Clamp, Cable/W,1D, .50w, Nylon	2
27	15-019929-00	Term, Fer, Crp, 2/0, Insl	1
28		Heatsink	1

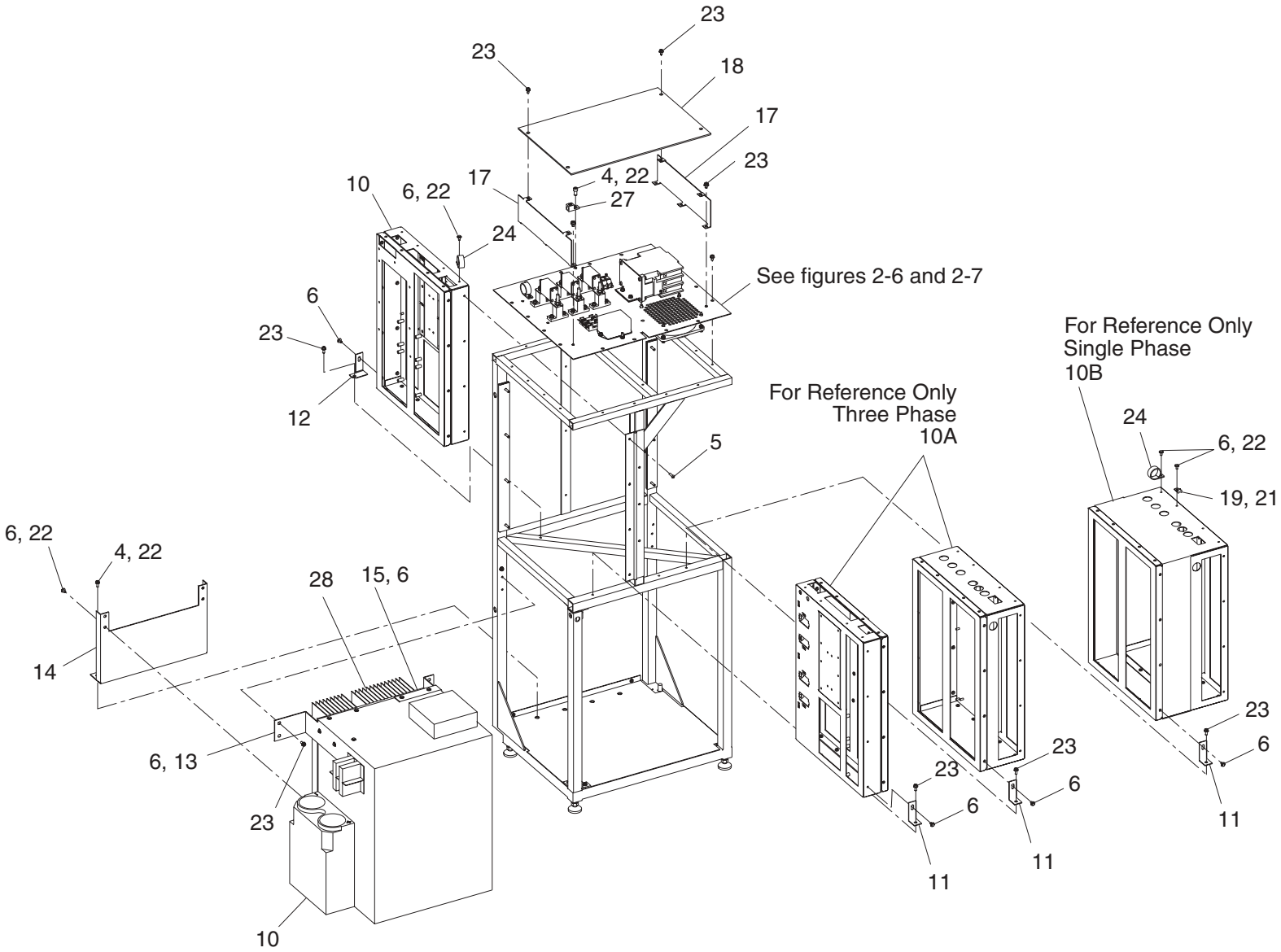

Figure 2-5. Generator Assembly Exploded View

Figure 2-6. Three Phase Power Assembly Parts List (1 of 2)			
Item	**Part Number**	**Description**	**Qty**
1	00-883724-01	Power Assembly, 240v Fuse Assembly, 3 Phase (Cables Not Shown)	1
2	55-200221-00	Fuse holder, Module Block, Chas Mount, 400A, 1000V	6
3	55-500391-00	Fuse, Hs, Sq Body, 160A, 660V, Fast-Acting	3
4	15-650010-00	Term, Fer, Crp, 6 AWG, Insul, White	3
8	72-200001-00	Control, 3pst, Chas Mount, 110a, 460 VAC	1
9	67-135430-00	Fuse , Gl,3a, 250v, ¼ x 1- 1/4, Slo-Blo	2
10	67-132350-00	Fuse, Gl, ½ a, 250 v, ¼ x1 – 1/4	1
11	43-399888-00	Filter Elec, Power Line, 10a, Fston	1
13	00-883799-01	Plate, Top, Jedi	1
14	72-201000-00	Coil, Control, Mod, 220/230 VAC @ 50HZ	1
15	72-201001-00	Coil, Control, Mod, 240 VAC @ 60 HZ	1
16	00-884051-01	Bracket, Power Contactor, Jedi	1
17	20-840095-00	Fan, Axile, 230 VAC, 80 CFM, 2200 rpm	1

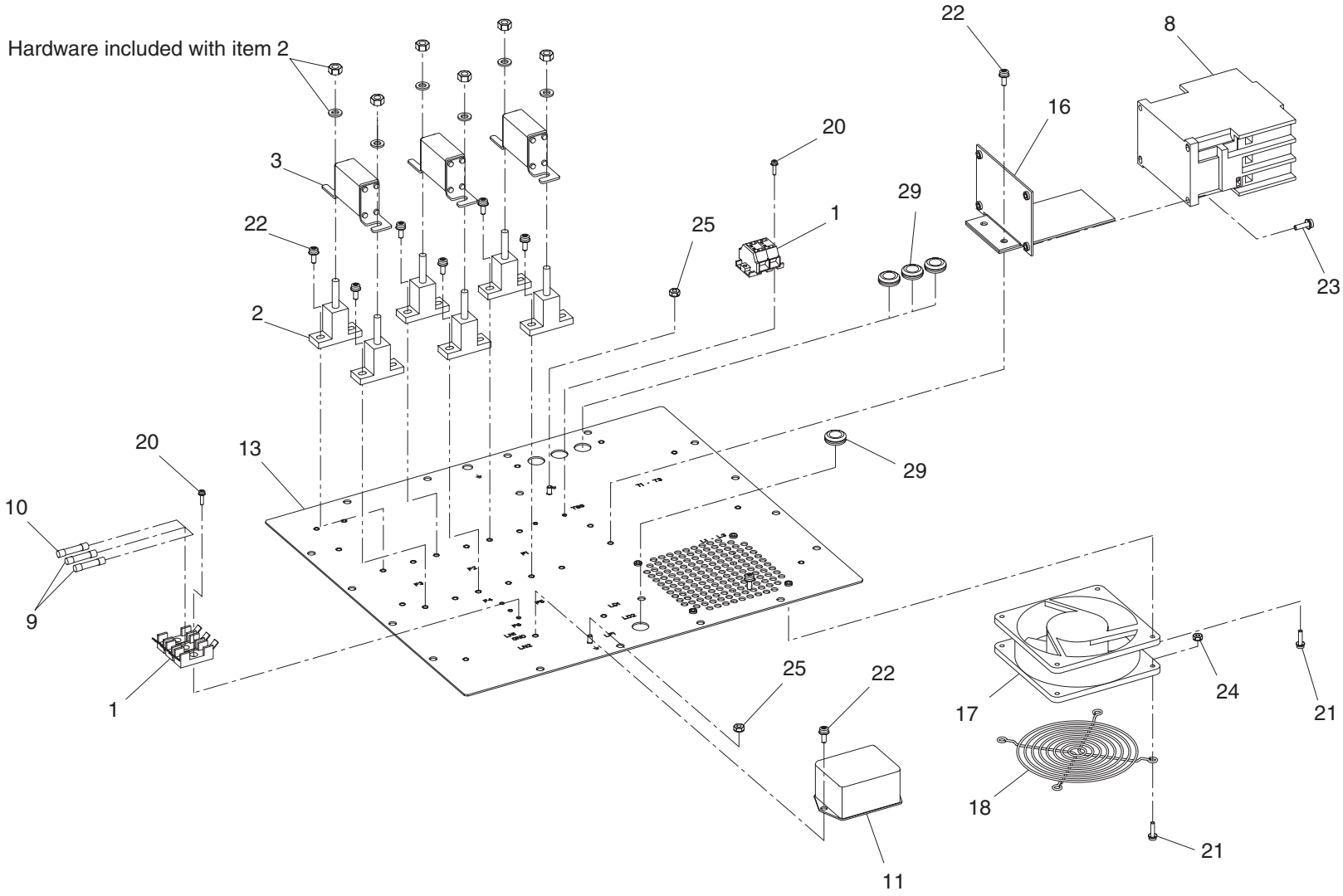

Figure 2-6. Three Phase Power Assembly View (1 of 2)

Figure 2-7. Three Phase Power Assembly Parts List (2 of 2)			
Item	**Part Number**	**Description**	**Qty**
18	20-839926-00	Guard, Finger, Fan	1
19	00-884094-01	Cable Assembly, LVPS 240v Cable, Generator (Not Shown)	1
20	12-225104-08	Screw, Sems Spring, Pan, Torx, 4-40, 1/2, Szc	5
21	12-225106-10	Screw, Sems Spring, Pan, Torx, 6-32, 5/8, Szc	8
22	12-225108-08	Screw, Sems Spring, Pan, Torx, 8-32, 1/2, Szc	16
23	12-225108-10	Screw, Sems Spring, Pan, Torx, 8-32, 5/8, Szc	4
24	13-311106-00	Nut, Hex-Lock-Ext-T, 6-32, SST, NA, A = .313	4
25	13-311108-00	Nut, Hex-Lock-Ext-T, 8-32, SST, NA, A = .344	2
27	00-883986-01	Cable Assembly, Generator Top Plate Power Cables (Not Shown)	1
28	00-884137-01	Cable Assembly, Generator Fan (Not Shown)	1
29	24-399771-00	Grom, Round, Panel,Vyl, Block, ½ ID 13/16 OD	4

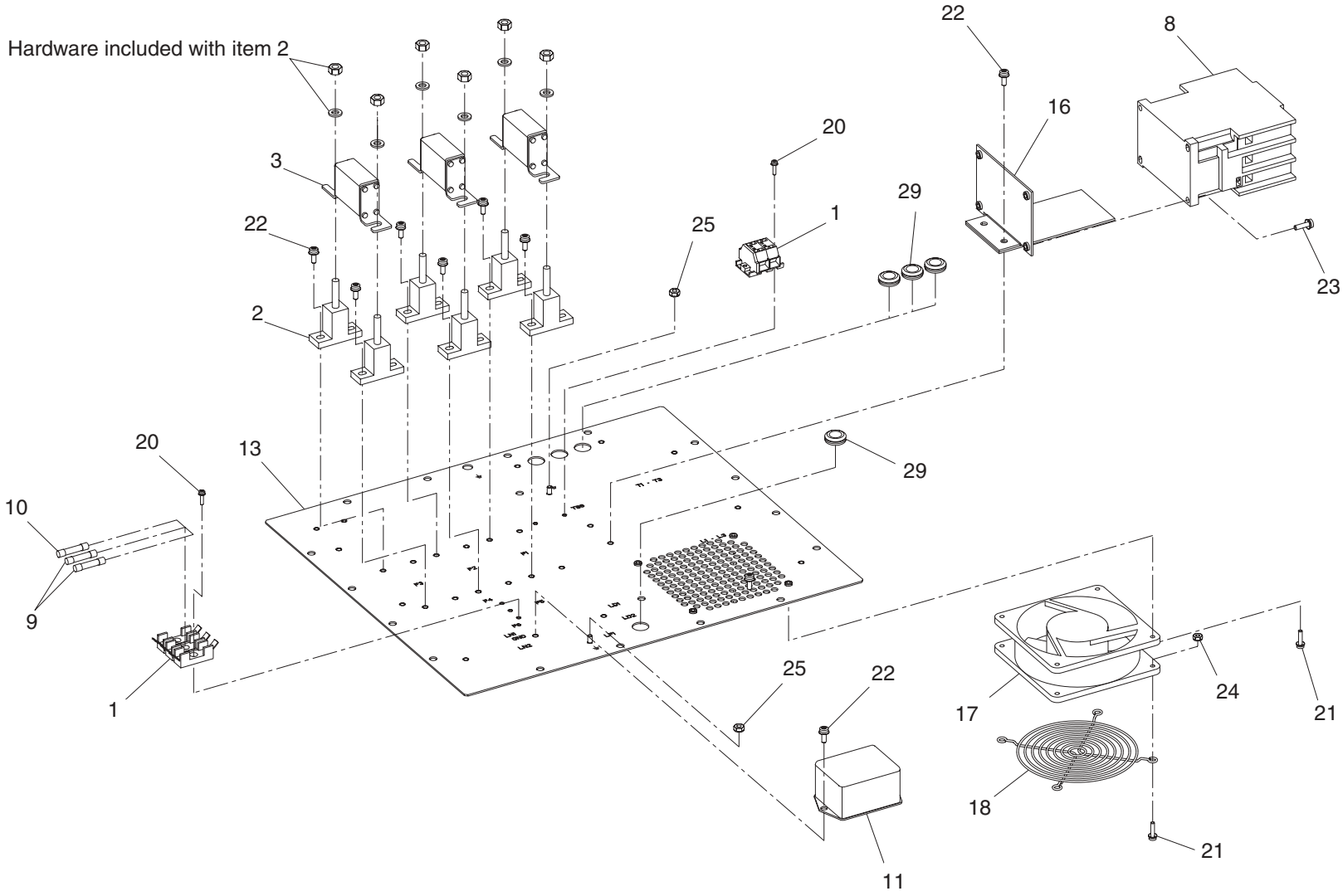

Figure 2-7. Three Phase Power Assembly View (2 of 2)

Figure 2-8. AC-DC Module and Rotation Module Parts List			
Item	**Part Number**	**Description**	**Qty**
1	2209840-2	EMC Board 3 PH V2B (Part of Item 5)	1
2	2285892-2	3 Phase Supply EMC Board Cable (Part of Item 5)	1
3	2208974-2	AC/DC Tri V2D (Part of Item 5)	1
4	2285368-2	ACDC/Inverter DC Bus Cable (Part of Item 5)	1
5	2294257	Equiped AC/DC (Three Phase)	1
6	2242440-9	Programmed Rotation Board (Part of Item 7)	1
7	2294057	Auxiliary Module 2	1

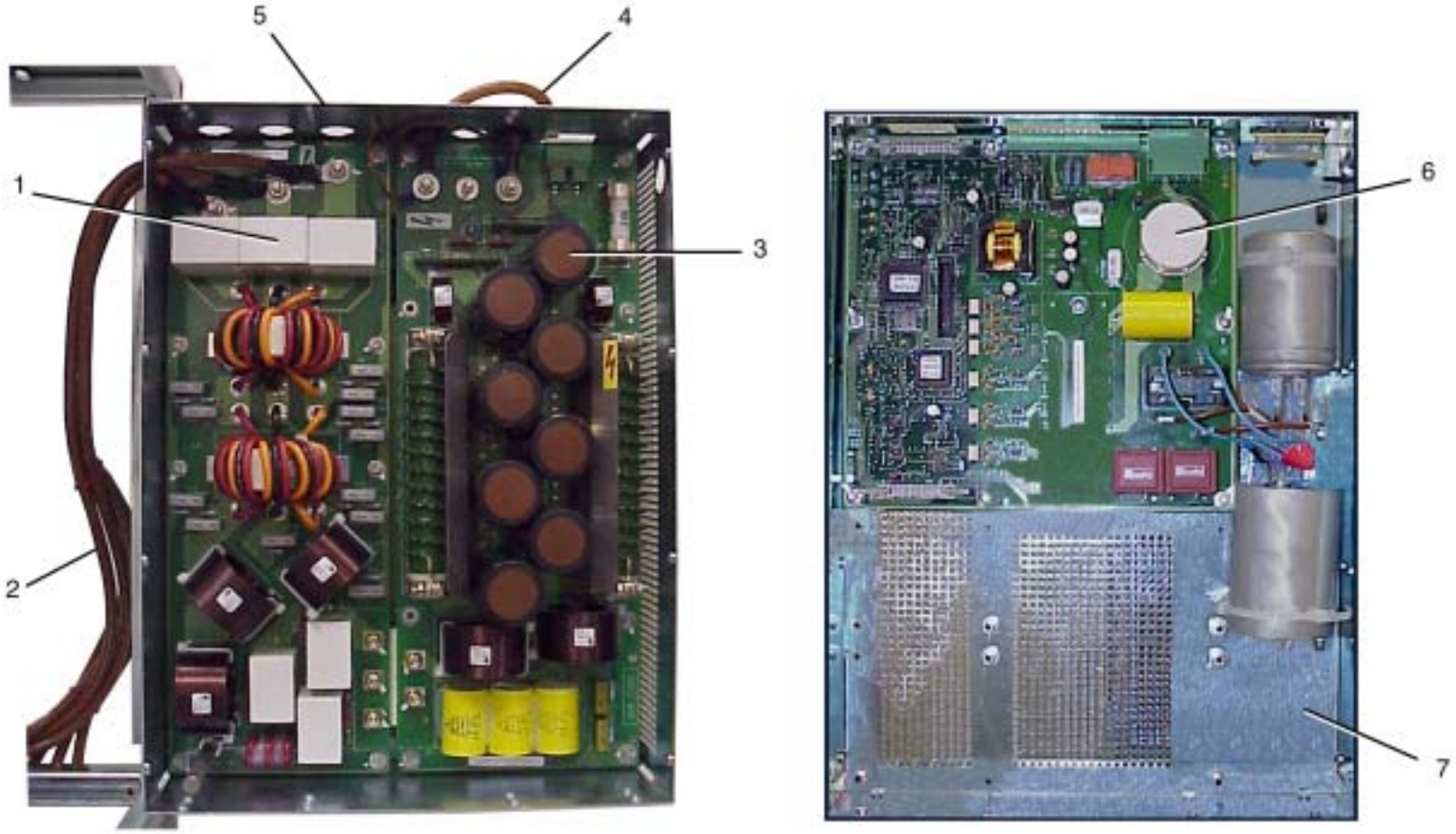

Figure 2-8. AC-DC Module and Rotation Module Views

Figure 2-9. LVPS-400 Module and High Voltage Tank Module Parts List			
Item	**Part Number**	**Description**	**Qty**
1	2285870	Programmed Heater V4.00 (FRU 1)	2
2	2325360-3	LVPS 400 V3, Applil .23, Boot (FRU 2)	1
3	2284710	Heater Can Cable (FRU 2)	1
4	2284711	Dual Heater to Aux Chassis (FRU 3) Cable	1
5	2284708	Heater 1/DC Cable (FRU 3)	1
6	2284709	Heater 2/DC Cable (FRU 3)	1
7	2294061	Internal Cable (FRU 2) (Not Shown)	1
8	2222253-3	AEC V2C (Part of Item 17)	1
9	2295467-2	Generic IF V2 (Part of Item 17)	1
10	2308246-5	Programmed PPC KV CTRL V1C	1
11	2198184	KV Measure-Filament Cable	1
12	2293901	Ventil Heli 119 x 119 x 38 65, 8L (Fan)	1
13	2292876	Cable AEC 9 Pins (Part of Item 17)	1
14	2294420	Cable Gen IF / AEC	1
15	2300154	Generic IF / KV Controle Cable	1
16	2250036	KV Measure-KV control Cable	1
17	2268574	Jedi Power Module 100KW	1
18	2284712-2	KV Control/Aux Can Cable, UroView	1
19	2214527	Jedi STD HV Tank (Part of Item 17)	1

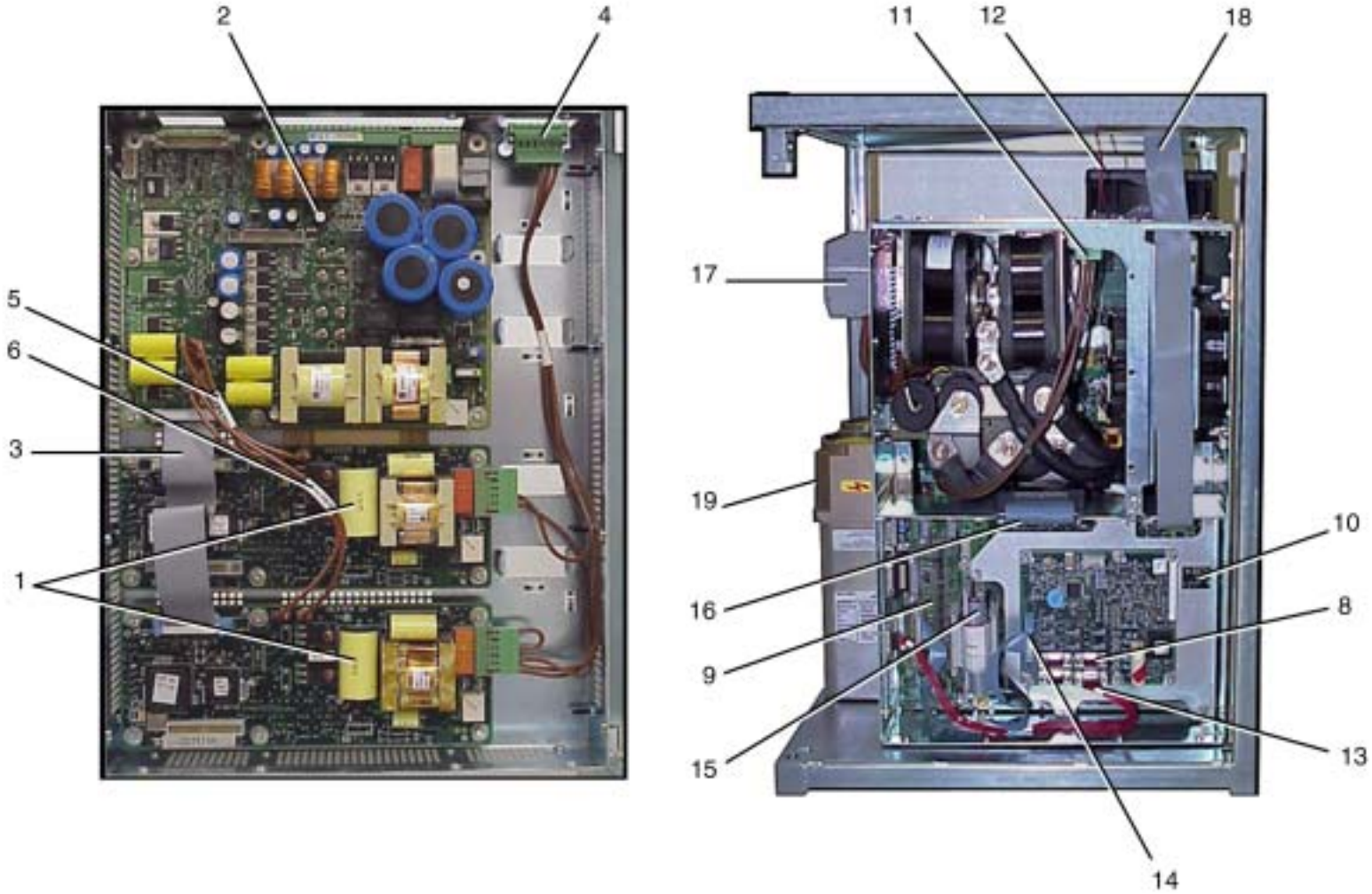

Figure 2-9. LVPS-400 Module and High Voltage Tank Module Views

Figure 2-10. Generator Cables Parts List			
Item	**Part Number**	**Description**	**Qty**
1	2285368-2	ACDC/Inverter DC Bus Cable (Three Phase Only)	1
2	2298901	Ventil Heli 119 x 119 x 38 65, 8 L	1
3	2284712	KV Control/Aux Can Cable, UroView	1
4	2294766	LVPS400 to Inductor Fan Cable (Three Phase Only)	1
5	2272367-2	Heater Cable	1
6	2272368-2	ACDC/Quad Snub Baord DC Cable	1
7	2272369	DC Bus Auxilliaire Cable	1
8	00-883986-01	Cable Assembly, Jedi Power Cables, 3 Phase (Not Shown)	1
9	00-883986-02	Cable Assembly, Jedi Power Cables, Single Phase (Not Shown)	1

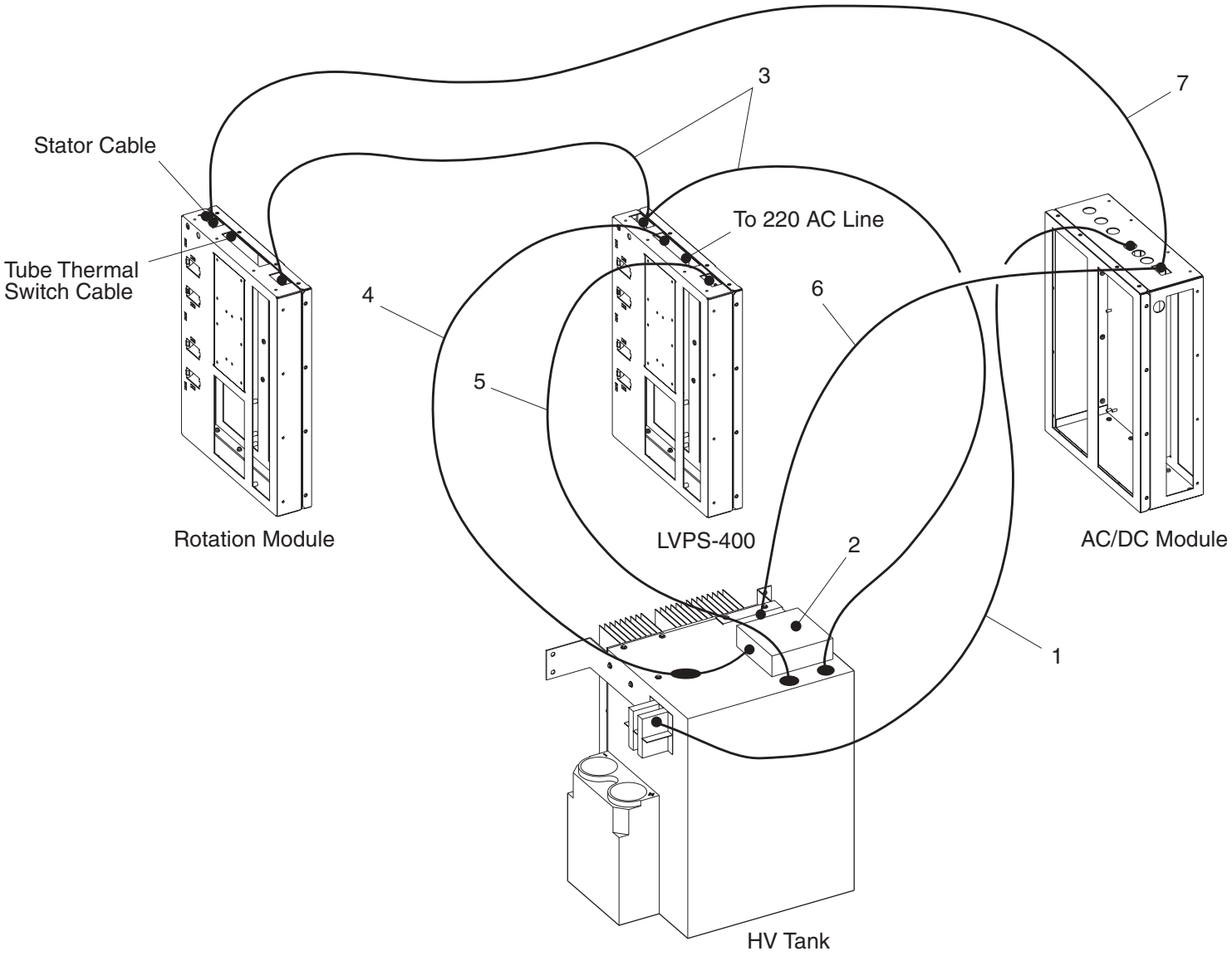

Figure 2-10. Generator Cables View